

Title (en)  
Blood collection assembly

Title (de)  
Blutabnahmevorrichtung

Title (fr)  
Dispositif pour collecter du sang

Publication  
**EP 1221304 A2 20020710 (EN)**

Application  
**EP 01129074 A 20011207**

Priority  
• US 26003201 P 20010105  
• US 6710701 A 20011113

Abstract (en)  
An automatically shieldable blood collection set is provided. The blood collection set includes a needle assembly having a hub to which a needle cannula is fixedly attached. A safety shield is telescoped relative to the hub and the needle cannula such that the hub and the needle cannula can be moved from a distal position where the needle cannula is exposed to a proximal position where the needle cannula is safely shielded. A spring is provided between the shield and the hub to propel the hub and needle cannula proximally relative to the shield and into surrounding relationship with the needle cannula. A retainer is provided for releasably holding the hub and needle cannula in a distal ready-to-use condition relative to the shield. An actuator releases the retainer and enables the hub and needle cannula to be propelled by the spring. A lock may be provided for preventing inadvertent re-exposure of the needle cannula. <IMAGE>

IPC 1-7  
**A61B 5/15**; **A61M 5/32**

IPC 8 full level  
**A61B 5/15** (2006.01); **A61M 5/158** (2006.01); **A61M 5/32** (2006.01)

CPC (source: EP US)  
**A61B 5/15003** (2013.01 - EP US); **A61B 5/150366** (2013.01 - EP US); **A61B 5/150389** (2013.01 - EP US); **A61B 5/150503** (2013.01 - EP US); **A61B 5/150587** (2013.01 - EP US); **A61B 5/150656** (2013.01 - EP US); **A61B 5/150717** (2013.01 - EP US); **A61B 5/15074** (2013.01 - EP US); **A61B 5/153** (2013.01 - EP US); **A61M 5/3257** (2013.01 - EP US)

Cited by  
EP1555037A1; EP1479408A1; ITPD20080275A1; EP1985323A1; CN105193429A; EP2341961A4; EP3272378A1; EP2140898A1; EP2145640A1; EP1316325A1; AU2002301950B2; WO2010030673A2; EP1316325B2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 1221304 A2 20020710**; **EP 1221304 A3 20021204**; AU 9749801 A 20020711; JP 2002330945 A 20021119; US 2002120215 A1 20020829

DOCDB simple family (application)  
**EP 01129074 A 20011207**; AU 9749801 A 20011228; JP 2002000910 A 20020107; US 6710701 A 20011113